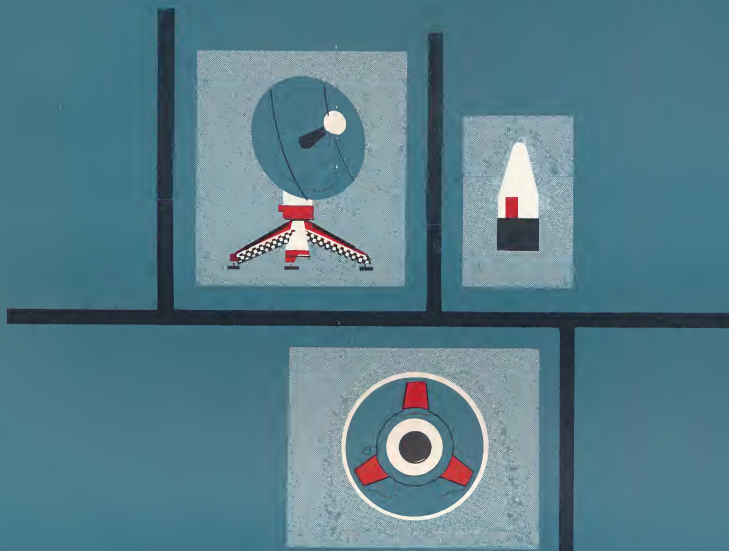
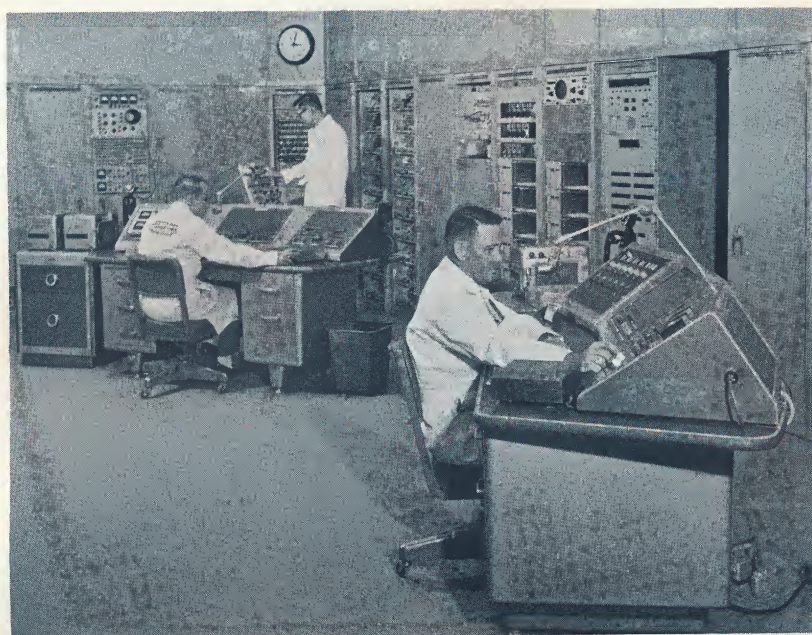




DYNALECTRON CORPORATION

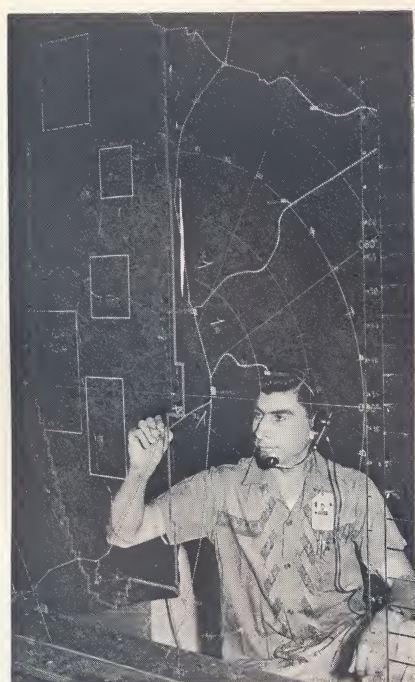


land-air division



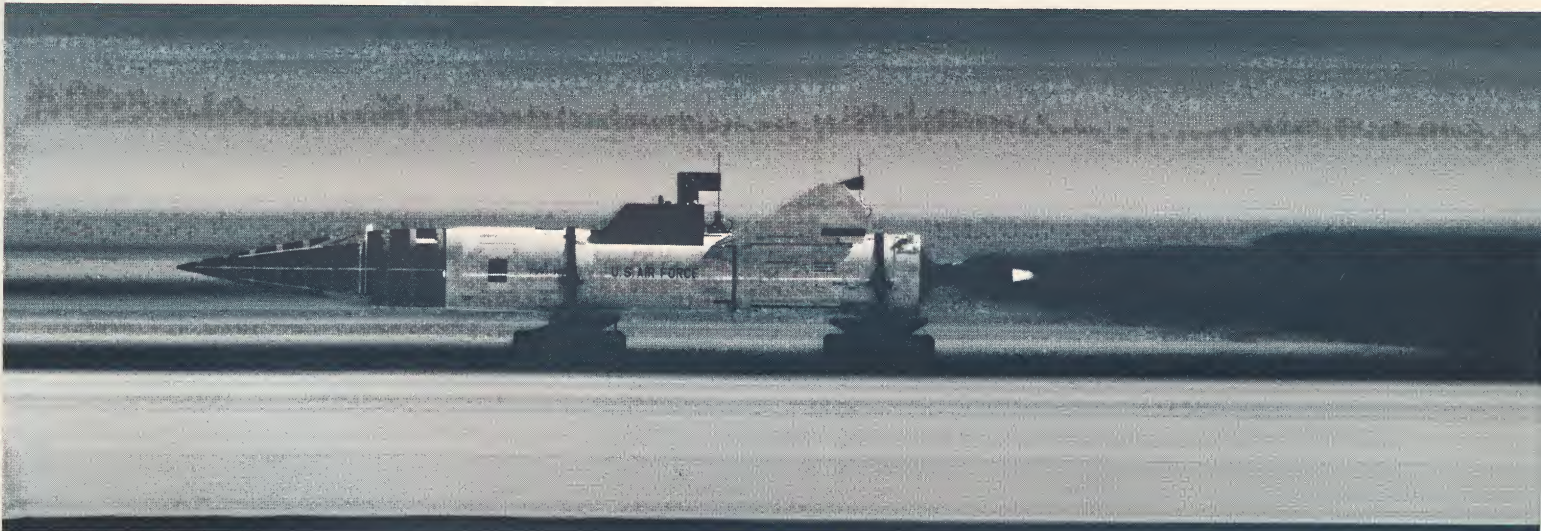
Land-Air Division

Since 1949, the Land-Air Division of Dynalectron has conducted the missile range operations and provided extensive technical support to the White Sands Missile Range and Holloman Air Force Base. These services include: data collection; range instrumentation, maintenance, and operation; communications; operation of the R&D Laboratory; launching support facilities; complete range support services; technical supply, logistics, and inventory control; and operation of the Aero-medical Research Laboratory. Off-range support is provided to the missile test facilities at Green River, Utah, and in the operation and maintenance of the Manned Space Flight Tracking Station at Corpus Christi, Texas.



Other accomplishments of this Division include: installation, operation, maintenance, and modification of the instrumentation facilities in support of the sub-arctic Rocket Research Facility at Fort Churchill, Canada; initial installation, modification, and operation of the instrumentation facilities at the Atlantic

Recognized as the world's oldest range instrumentation contractor, the interest and participation of Dynalectron in the management, operation, and maintenance of missile ranges parallels the development and growth of the industry. Our performances at the Atlantic Missile Range, White Sands Missile Range, Pacific Missile Range, and Fort Churchill Rocket Research Facility have clearly established our capability



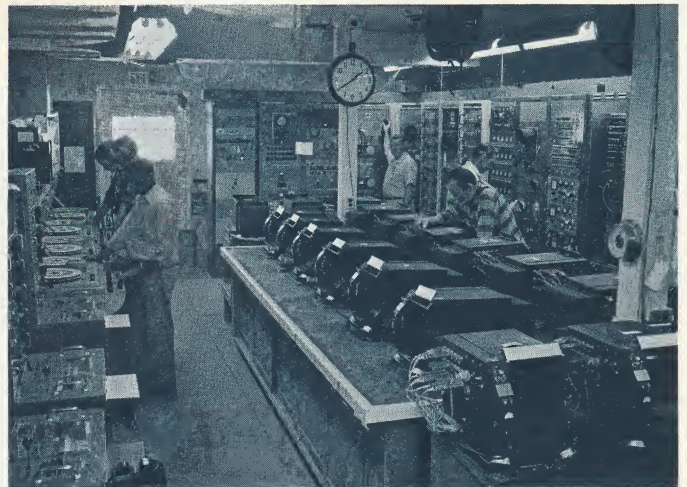
to perform under all circumstances the many and varied tasks associated with missile range operation and management. The White Sands Missile Range is one of the finest examples of range instrumentation and data collection in the world. We feel that this achievement is attributable to Dynalectron's management philosophy and the teams of Dynalectron engineers and scientists who are continuously seeking to improve methods and equipment to advance the state of the art in data collection, instrumentation, optics and microwave systems.



Missile Range; and initial installation and operation of a small range at Eglin Air Force Base.

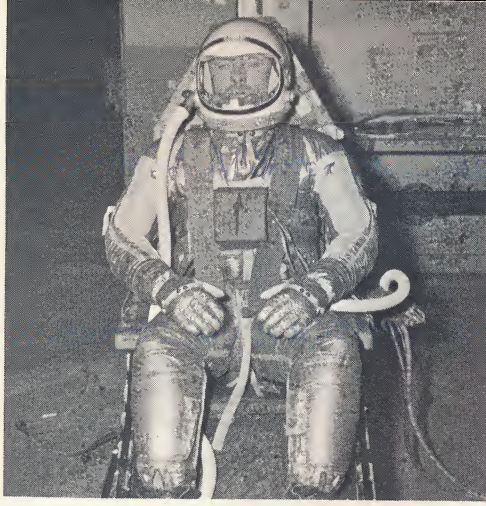
The experience possessed by Land-Air in the field of electronic systems instrumentation is unmatched and has been recognized by the effective service provided for more than 28,000 test missions at the White Sands Missile Range since 1949. This Division's present data collection work includes the installation, operation, maintenance, and modification of: instrumentation systems; telemetry; timing and communication systems; integrated trajectory system; DOVAP; geophones; and the miss-distance indicator system.

Modification and improvement has been accomplished by Land-Air to satisfy the complete mechanical and instrumentation coverage of the Aeromedical Laboratory at Holloman Air Force Base. Utilizing the combined electronic, electrical, mechanical, and medical knowledge of the Land-Air engineers and technicians, this Laboratory is now one of the most extensively instrumented facilities of its type, yielding large quantities of high-accuracy medical research data.



The scope of the Optical Photographic Instrumentation services provided to the Army, Navy, and Air Force by Land-Air has been expanded over the years to include: standard motion picture and still camera coverage; ultra high speed recording cameras; biological and photo-medical photographs of human and animal tissue; spectral photography of electromagnetic frequencies; and, production processing of up to 50,000 feet of film daily and 3 million feet annually. Land-Air's wealth of experienced and capable personnel establishes its position of leadership in the optical-photographic area ranging from simple instrument operation to engineering design and construction of large telescope systems.

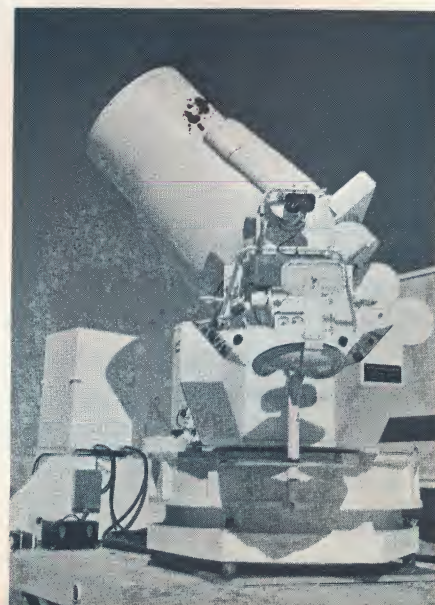
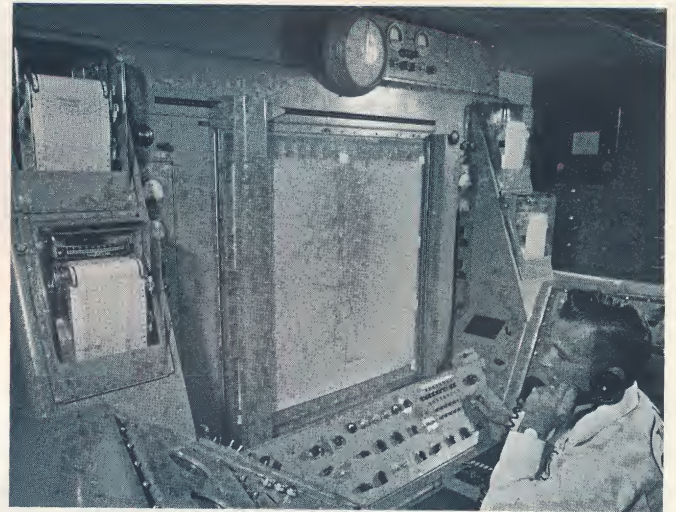
The Electronics System Section of Land-Air's Research and Development Department designs, develops, prototypes, improves, and evaluates a wide variety of electronic instrumentation and data reduction equipment. The Optical-Mechanical System Section offers specialized experience in the development and modification of various cinetheodolites, telescope systems, and recording camera units, the construction of special precision mounts



for optical instruments, and performs research into basic phenomena pertaining to optical aspects of detection, tracking, recording, and identification. The Optical Laboratory performs routine laboratory services and experimental research related to optical turbulence, image recognition, spectroscopy, and other facets of the R&D program.

Land-Air also provides extensive support functions which contribute to the data collection work. Typical of these services are: Machine and Model Shop fabrication and assembly; maintaining the basic electronic instruments used during development and checkout phases of electronics projects; design and drafting in support of the R&D Department; technical publications assistance; operation of an extensive facilities organization (refrigeration, electrical shop, carpenter shop, and custodial services); and, motor vehicle and field generator maintenance.

In June 1963, Dynalectron was assigned the additional responsibility to operate the helicopter and fixed wing aircraft for the Army Aviation Branch in support of range activities.





Inquiries for information as to how
Dynalectron can be of service to you
should be directed to:

**Manager, Land-Air Division
Dynalectron Corporation
P. O. Box 394
Holloman Air Force Base, New Mexico**